

Supplemental table S3. Phenotype FHONDA patients from literature\*

Family-ID	Refraction RE, LE <sup>†</sup>	VA‡	Nystagmus	Iris translucency	Foveal Hypoplasia <sup>§</sup>	Anterior segment	Hypopigmentation	Misrouting
Poulter <i>et al.</i> F1:IV:1 <sup>6,7,14</sup>	-0.25/-3.25x175 -0.50/-3.00x10	0.8	Yes	No	Grade 4	Axenfeld's anomaly	No	Yes
Poulter <i>et al.</i> F1:IV:3 <sup>6,7,14</sup>	+6.50/-2.00x172 +6.00/-2.00x168	0.8	Yes	No	Grade 4	Posterior embryotoxon	Unknown	Yes
Poulter <i>et al.</i> F1:IV:4 <sup>6,7,14</sup>	+4.50/-3.00x5 +4.25/-3.50x5	1.0	Yes	No	ND	Posterior embryotoxon	No	ND
Poulter <i>et al.</i> F1:IV:6 <sup>6,7,14</sup>	ND	ND	Yes	No	ND	Posterior embryotoxon	Unknown	ND
Poulter <i>et al.</i> F1:IV:7 <sup>6,7,14</sup>	+2.50/-2.25x180 +3.50/-3.25x180	1.3	Yes	No	ND	Axenfeld's anomaly	Unknown	ND
Poulter <i>et al.</i> F4:II:1 <sup>7</sup>	ND	ND	Unknown	No	ND	Normal	Unknown	Inconclusive
Poulter <i>et al.</i> F5:IV:1 <sup>7</sup>	ND	ND	Unknown	No	ND	Normal	Normal	Yes

Poulter <i>et al.</i> F6:IV:7 <sup>7,16</sup>	+11.00 +10.00	1.0	Yes	No	ND	Bilateral microphthalmia and unilateral retinochoroidal coloboma and uveal coloboma	No	ND
Poulter <i>et al.</i> F6:VI:1 <sup>7,16</sup>	+8.50/-2.00x160 +7.50/-1.25x20	0.7	Yes	No	ND	Bilateral microphthalmia	No	ND
Poulter <i>et al.</i> F6:VI:2 <sup>7,16</sup>	+7.00/-2.75x10 +6.50/-2.0x180	0.7	Yes	No	ND	Normal	No	ND
Toral <i>et al.</i> II:1 <sup>15</sup>	ND	0.6	Yes	No	Grade 4	Normal	No	ND
Toral <i>et al.</i> II:2 <sup>15</sup>	ND	0.7	Yes	No	Grade 4	Normal	No	ND
Campbell <i>et al.</i> proband 2 <sup>17</sup>	ND	ND	Yes	No	Grade 4	Posterior embryotoxon	Hypopigmentation in (mid)periphery	Yes
Weiner <i>et al.</i> F1:II:1 <sup>18</sup>	ND	0.5	Yes	No	ND	Normal	No	ND
Weiner <i>et al.</i> F1:II:2 <sup>18</sup>	ND	0.5	Yes	No	ND	Normal	No	Yes
Weiner <i>et al.</i> F2:II:3 <sup>18</sup>	ND	ND	Yes	No	Grade 4	Posterior embryotoxon	No	ND

Weiner <i>et al.</i> F3:II:1 <sup>18</sup>	ND	ND	Yes	No	ND	Normal	No	ND
Weiner <i>et al.</i> F3:II:2 <sup>18</sup>	ND	ND	Yes	No	ND	Normal	No	ND
Weiner <i>et al.</i> F4:II:1 <sup>18</sup>	ND	0.9	Yes	No	ND	Normal	No	ND
Weiner <i>et al.</i> F5:II:1 <sup>18</sup>	ND	ND	Yes	No	ND	Normal	No	ND
Lasseaux <i>et al.</i> P2 <sup>13</sup>	ND	0.5	Yes	No	ND	ND	No	ND
Lasseaux <i>et al.</i> P4 <sup>13</sup>	ND	0.5	Yes	Yes	ND	ND	No	ND
<i>Kuht et al.</i> F1:II-1 <sup>14</sup>	+2.00/ -3.00 x180 +2.00/-3.00x180	0.5	Yes	No	Grade 3	Normal	No	Yes
<i>Kuht et al.</i> F1:II-2 <sup>14</sup>	-0.25/-3.00x180 -0.50/-4.00x180	0.7	Yes	No	Grade 3	Normal	No	Yes
<i>Kuht et al.</i> F2:II-1 <sup>14</sup>	+2.75/-3.50x180 -3.25/-2.75x15	0.3	Yes	No	Grade 3	Normal	No	Yes
<i>Kuht et al.</i> F3:II-1 <sup>14</sup>	+2.00/-3.00x180 +2.00/-4.00x180	ND	Yes	No	ND	Normal	Hypopigmentation	Yes

<i>Kuht et al</i> F4:II-1 <sup>14</sup>	+3.25/-2.00x180 +2.75/-2.50x180	0.4	Yes	No	Grade 3	Normal	No	Yes
<i>Kuht et al</i> F5:II-1 <sup>14</sup>	+4.50/-4.00x170 +5.00/-3.00x180	0.3	Yes	No	Grade 3	Normal	No	ND
<i>Kuht et al</i> F5:II-2 <sup>14</sup>	+1.75/-3.50x180 +2.00/-3.50x180	0.3	Yes	No	Grade 3	Normal	No	ND
<i>Kuht et al</i> F6:II-2 <sup>14</sup>	+2.00/-2.00x180 +3.25/-2.50x10	0.4	Yes	No	Grade 3	Normal	No	Yes
<i>Kuht et al</i> F7:II-3 <sup>14</sup>	+1.00/-2.00x180 +1.00/-2.00x180	0.6	Yes	No	Grade 3	Normal	No	Yes
<i>Kuht et al</i> F8:II-1 <sup>14</sup>	+3.75/-4.50x180 +4.00/-4.00x180	0.6	Yes	Yes	Grade 4	Normal	No	Yes
<i>Kuht et al</i> F9:II-1 <sup>14</sup>	+1.25/-1.25x160 +1.00/-1.00x180	0.6	Yes	No	Grade 4	Normal	No	Yes

ND=not determined. \* FHONDA patient P1 from Lasseaux *et al* was discarded from their series.<sup>13</sup> †Refraction right eye (RE) and left eye (LE). ‡Visual acuity in logMAR.

§According to the grading of Thomas *et al*.<sup>19</sup>